LITEON
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52x max CD-ROM Drive

Features

LTN-529S

★ **The shortest drive length design in the world, much lighter and easier to fit various system**

★ **ATAPI/E-IDE Half-Height 52X CD-ROM, with UDMA-33 support**

★ **SMART-X(*1) function adjusts CD-DA/VCD data extraction to a fastest allowable speed according to both data request rate from host and disk quality**

★ **ABS(*2) mechanism to reduce vibration & noise while high speed rotating**

★ **CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-session, Karaoke-CD, Video-CD, CD-I FMV, CD Extra, CD Text, CD-R, and CD-RW**

★ **MPC level 3, PC2001 System Design Guide, NSTL and MultiRead compliant**

★ **Belt Tray Loading Mechanism**

★ **Easy-Tray design for both Horizontal & Vertical operation, supports both 8cm & 12cm discs**

★ **3 tray-eject methods: Stop/Eject button, software, and pin hole eject**

★ **Supports Ultra DMA mode2, DMA mode 2, and PIO mode 4**

Specifications

◎ **Performance :** 52X(7800KB/sec) maximum by CAV

◎ **Access time :** 80ms

◎ **Buffer Size :** 128KB

◎ **PC Required :** Pentium 166MHz or faster CPU and 64MB or higher RAM are required
HDD must have access time < 20ms with a minimum of 100MB free space

◎ **Compatibility :** DOS 6.xx, Windows 95 / 98SE / NT / ME / 2000 / XP / OS2 Warp

◎ **MTBF(Life) :** 70000 Hours

◎ **S/N Ration :** >60dB

◎ **Environment :**

Operating	5℃ to 45℃; Relative Humidity: 15% to 80%
Non-Operating	-20℃ to 60℃; Relative Humidity: 15% to 95%

◎ **Dimension :** 145.8(W) x 41.3(H) x 170(D) mm

◎ **Weight :** <0.8 Kg

◎ **Voltage Requirements :**

+5V +/-5% and less than 100 mVp-p ripple voltage

+12V +/-5% and less than 200 mVp-p ripple voltage

*1 **SMART-X : S**mart **M**onitoring & **A**djusting **R**ead-speed **T**echnology for e**X**traction.

*2 **ABS : A**uto **B**alance **S**pindle

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